**ATTEMPT 1**

**The Practical part of your Certification exam is now in session!**

Please make sure to upload your final workflows before your time is up.

The session will close once the time has expired or the files have been uploaded.

Exercise

In this exercise, you will create a UiPath automation that performs the steps below.  
To achieve this, you will use the **REFrameWork** as the starting template and follow the UiPath development best practices.  
  
Here are the steps performed by the **Robot**:  
1. Log in to https://www.acme-test.com.  
2. On the landing page, Dashboard, click on the Work items menu item. Scrape the data in all the pages of the table, page by page, ensuring error handling and recovery.  
3. For each page:  
- Filter the records where **Status** is **'Open'**;  
- Filter the records where **Description** is **'Calculate Client Security Hash'**;  
- Filter the records where **WIID** is less than **600000**;  
- **Append** the resulting datatable into an Excel worksheet, you shouldn't worry about the headers and format of the output file.  
  
Constraints to follow in the development, using the REFrameWork:  
1. **TransactionItem** datatype should be a **String**. The process should recover and retry in case of errors in navigation between WorkItems page. One transaction is the action of scraping one web page.By navigating to the next page, the next transaction will execute. (Same as ACME Process 4 Dispatcher from the UiPath Academy).   
2. Create a separate workflow file for the Login to ACME. File input arguments: URL ; Username ; Password .  
3. Create a separate workflow file for closing ACME.   
3. Add the **ACME\_URL** and **ACME\_Credential** to the Config file.  
4. Populate InitAllApplications.xaml from the Framework folder with Invoking the Login to ACME and navigation to the Work Items.  
5. Populate CloseAllApplications.xaml from the Framework folder with Invoking the Close ACME.  
6. Populate KillAllProcesses.xaml from the Framework folder with killing the process used.  
7. Populate the Process.xaml file with the following actions: Web scraping, Filtering and Appending to Excel.  
  
**Important Note**: Don't use external file references outside of the project folder (including Orchestrator Assets). Place all the used files within the project folder, zip that folder and upload it to the UiPath Certification Platform.  
  
**Zip ALL the used workflow files AND the output Excel file. Then upload the .zip file to the UiPath Certification Platform.**  
  
Good luck!

**¡La parte práctica de su examen de certificación ya está en sesión!**

Asegúrate de subir tus flujos de trabajo finales antes de que se acabe el tiempo. La sesión se cerrará una vez que el tiempo haya expirado o los archivos hayan sido cargados.

Ejercicio

En este ejercicio, creará una automatización UiPath que realiza los pasos a continuación. Para lograr esto, utilizará REFrameWork como plantilla de inicio y seguirá las mejores prácticas de desarrollo de UiPath.

Aquí están los pasos realizados por el **robot**:

1. Inicie sesión en <https://www.acme-test.com>.
2. En la página de destino, Panel de control, haga clic en el elemento de menú Elementos de trabajo. Raspe los datos en todas las páginas de la tabla, página por página, asegurando el manejo y recuperación de errores.
3. Para cada página:
   1. Filtrar los registros donde el **estado** es **'Abrir'**;
   2. Filtre los registros donde **Descripción** es **'Calcular Hash de Client Security'**;
   3. Filtra los registros donde **WIID** es menos de **600000**;
   4. **Agregue** los datos resultantes en una hoja de cálculo de Excel, no debe preocuparse por los líderes y el formato del archivo de salida**.**

Restricciones a seguir en el desarrollo, utilizando el REFrameWork:

1. El tipo de datos **TransactionItem** debe ser un **String**. El proceso debe recuperarse y reintentar en caso de errores en la navegación entre la página de WorkItems. Una transacción es la acción de scraping una página web. Al navegar a la página siguiente, se ejecutará la siguiente transacción. (Igual que ACME Process 4 Dispatcher de la Academia UiPath).
2. Cree un archivo de flujo de trabajo independiente para Iniciar sesión en ACME. Argumentos de entrada de archivo: URL; Username; Password
3. Cree un archivo de flujo de trabajo separado para cerrar ACME.
4. Agregue **ACME\_URL** y **ACME\_Credential** al archivo de configuración.
5. Rellene InitAllApplications.xaml desde la carpeta de Framework con Invocar el inicio de sesión a ACME y la navegación a los elementos de trabajo.
6. Rellene CloseAllApplications.xaml desde la carpeta de Framework con Invocar a Close ACME.
7. Rellene KillAllProcesses.xaml de la carpeta de Framework con matar el proceso utilizado.
8. Complete el archivo Process.xaml con las siguientes acciones: raspado web, filtrado y anexión a Excel.

**Nota importante:** no utilice referencias de archivos externos fuera de la carpeta del proyecto (incluidos los Activos del orquestador). Coloque todos los archivos usados dentro de la carpeta del proyecto, comprima esa carpeta y cárguela en la plataforma de certificación UiPath.

**Zip TODOS los archivos de flujo de trabajo utilizados Y el archivo de salida de Excel. Luego, cargue el archivo .zip en la plataforma de certificación UiPath.**

Good luck!

**ATTEMPT 2**

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**3h 14m 52s**Show/Hide Timer

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2. On the landing page, Dashboard, click on the Work items menu item. Scrape the data in all the pages of the table, page by page, ensuring error handling and recovery.  
3. For each page:  
- Filter the records where **Status** is **'Open'**;  
- Filter the records where **Description** is **'Verify Account Positions'**;  
- Filter the records where **Date** is **older** than **'1st of December 2017'** (discard newer records);  
- **Append** the resulting datatable into an Excel worksheet, you shouldn't worry about the headers and format of the output file.  
  
Constraints to follow in the development, using the **REFrameWork**:  
1. **TransactionItem** datatype should be a **String**. The process should recover and retry in case of errors in navigation between WorkItems page. One transaction is the action of scraping one web page.By navigating to the next page, the next transaction will execute. (Same as ACME Process 4 Dispatcher from the UiPath Academy).   
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Good luck!

**ATTEMPT 3**

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3. For each page:  
- Filter the records where **Status** is **'Open'**;  
- Filter the records where **Type** is **'WI3'**;  
- Filter the records where **Date** is older than **'1st of December 2017'** (discard newer records);  
- **Append** the resulting datatable into an Excel worksheet, you shouldn't worry about the headers and format of the output file.  
  
Constraints to follow in the development, using the **REFrameWork**:  
1. **TransactionItem** datatype should be a **String.** The process should recover and retry in case of errors in navigation between WorkItems page. One transaction is the action of scraping one web page.By navigating to the next page, the next transaction will execute. (Same as ACME Process 4 Dispatcher from the UiPath Academy).   
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Good luck!

**ATTEMPT 4**

